



CITY OF
WEST LAFAYETTE

Office of the City Engineer

609 West Navajo Street
West Lafayette, Indiana 47906

Phone: 765.775.5130

Fax: 765.775.5249

December 1, 2009

RE: Quotes for Fitness Trail Improvements Part II

West Lafayette Parks and Recreation is requesting quotes for installation of track surface according to the enclosed specifications or approved equal, located at the West Lafayette Jr./Sr High School as a part of the overall City of West Lafayette Fitness Trail. The enclosed Quote Sheet needs to be completed and submitted to the Office of the Clerk-Treasurer, 609 West Navajo Street, West Lafayette, Indiana 47906 in a sealed envelope by 4:00 pm, Friday, December 11, 2009. The envelope should be marked on the outside with the following notation: **Fitness Trail Improvements Part II**. Quotes will be opened publicly and reviewed at the Board of Public Works and Safety meeting in City Hall at 8:30 am, on Monday, December 14, 2009. The Parks and Recreation Department plans to issue a purchase order for the lowest responsive, responsible quote.

West Lafayette Parks and Recreation is exempt from Indiana sales tax.

Please contact Michael Thompson at (765) 775-5130 for any additional information.

Sincerely,

Michael Thompson
Assistant City Engineer

Enclosure

Cc Leslie Coatings, Reece Coating, Polytan USA

Request for Quote

Fitness Trail Improvements Part II

This request of quote is the official notice of needed materials and professional services by the West Lafayette Board of Public Works and Safety (the "Board").

Board is requesting quotes for the professional installation of track surface according to the enclosed specifications or approved equal. Contractor will be responsible for all work proposed per the enclosed drawings and specifications at the West Lafayette Jr./Sr. High School.

The Contractor shall be responsible for the determination and notification of all affected utilities and for the coordination of all work with the utilities, West Lafayette Jr./Sr. High School and the Board. Any required permits will be provided by the owner. The Contractor shall be responsible for the coordination of all work with the West Lafayette Jr./Sr. High School and the West Lafayette Parks and Recreation Department.

All work must conform to the attached Specifications and the City of West Lafayette Standards and Typical Construction Guidelines and Details (approved by the Board of Public Works and Safety on January 17, 2006).

The Contractor shall carry all necessary city insurance and bonding coverage. The Contractor shall also provide certificate of insurance to the Board and the City of West Lafayette per the attached Insurance Requirements. City of West Lafayette Parks and Recreation and West Lafayette Community School Corporation should also be listed as an additional insured.

Any questions concerning this Request for Quote should be directed to: Michael Thompson, Assistant City Engineer, West Lafayette Engineering Department, (765) 775-5130, mthompson@westlafayette.in.gov or Joe Payne, Superintendent, West Lafayette Parks and Recreation, (765) 775-5110, jpayne@westlafayette.in.gov.

Purchase of Material and Professional Services for
Fitness Trail Improvements Part II

QUOTE SHEET

Quotes will be taken under consideration for the issuance of a purchase order to the most responsive and responsible firm which provides a quote most advantageous for the board. Construction will be completed according to the schedule outlined in the project specifications.

The Total Quote amount should include the cost necessary to complete all work described by these documents.

THE TOTAL COST TO PROVIDE ALL MATERIAL, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE WORK; WORK MAY BEGIN UPON APPROVAL OF THE PROPOSED WORK SCHEDULE BY WEST LAFAYETTE ENGINEERING DEPARTMENT, FOLLOWING THE ISSUANCE OF A PURCHASE ORDER, AND ALL WORK IS TO BE COMPLETED BY APRIL 30, 2010.

TOTAL LUMP SUM COST \$ _____

Contractor's Name: _____

Authorized Signature: _____

Date: _____ Phone Number: _____

Specifications

GENERAL REQUIREMENTS: To install new track surface and striping according to the enclosed specifications at the West Lafayette Jr./Sr. High School track as a part of the overall City of West Lafayette Fitness Trail.

REQUIRED TIMING: The proposed construction is to be coordinated with the West Lafayette Jr./Sr. High School and the West Lafayette Parks and Recreation. This phase of construction shall be completed by no later than April 30, 2010.

Additional Information: Michael Thompson, Assistant City Engineer, West Lafayette Engineering Department, (765) 775-5130, mthompson@westlafayette.in.gov.

**REFLEX 1® w/ PLEXITRAC® BINDERS TRACK SURFACE
(9mm / (3/8"), 4 layers of black SBR Rubber Granules & Poly-resin
Track Resurfacing System)**

PART 1 GENERAL

1.1 DESCRIPTION

Furnish and install a REFLEX 1® Running Track resilient surfacing utilizing PLEXITRAC® Binders as manufactured by California Products Corporation on the accepted asphalt pavement.

1.2 RELATED SECTIONS

A. References

1. National Asphalt Pavement Association (NAPA)
2. USA Track & Field (USATF)
3. National Federation of State High School Associations (NFHS)
4. International Association of Athletics Federation (IAAF)
5. American Sports Builders Association (ASBA)

1.3 QUALITY ASSURANCE

- A. All liquid materials shall be from a single source and manufactured for the purpose of resilient track construction.
- B. The contractor shall provide the owner, an estimate of the volume of each liquid product and the weight of the rubber granule to be used on site.
- C. The installer shall be an Authorized Applicator of the specified surface system.

1.4 SUBMITTALS

- A. Mandatory Submittal: Minimum quantities of materials have been calculated for this project. The contractor shall submit to the owner copies of delivery tickets and invoices from manufacturers to verify delivery and use of the minimum quantities of materials listed below for this project:**

_____ pounds of 3-6mm SBR rubber
_____ pounds of 2-4mm SBR rubber
_____ pounds of 1-3mm SBR rubber
_____ gallons of undiluted latex primer
_____ gallons of undiluted Plexitrac poly-resin liquid binder
_____ gallons of undiluted Plexitrac Black Coating
_____ gallons of Black Pigment with UV Inhibitors

- B. Current material safety data sheets (MSDS) for the liquid components.
- C. **A certificate from the manufacturer of the binders and coatings stating that the materials have been produced specifically for the use in sports surfacing construction.**
- D. A complete list of materials intended to be used in the construction of the running track system. All liquid quantities will be prior to dilution.
- E. A test report that the system has been tested to IAAF standards for force reduction and modified vertical deformation. Force reduction shall be 35-50%. Modified vertical deformation shall be 0.6-1.8 mm.
- F. Reference list from the installer of at least 5 projects of similar scope done in each of the past three years.
- G. Product substitution: If other than the product specified, the contractor shall submit prior to the quote date a complete type written list of proposed substitutions with sufficient data, drawings, samples and literature to demonstrate that the proposed substitution is of equal quality and utility to that originally specified. Information must include a QUV test of at least 1,000 hours and IAAF test information for the system to be installed.
- H. Authorized Applicator certificate from the surface system manufacturer.

1.5 MATERIAL HANDLING AND STORAGE

- A. Store material in accordance with manufacturer's specifications and MSDS.
- B. Deliver products to the site in original, unopened containers with labels attached.
- C. All surfacing materials shall be non-flammable.

1.6 GUARANTEE

- A. The installer and the materials manufacturer shall only warrant the quality of the materials and application technique. This system is applied over existing track surfaces and can not warrant the integrity of that surface or other subsurface conditions, such as asphalt base and poor water drainage that may cause the surface to delaminate, separate or bubble.

1.7 INSTALLER QUALIFICATIONS

- A. Installers shall be regularly engaged in the construction and surfacing of running tracks.
- B. Installer shall be an authorized applicator of the specified system.
- C. Installer shall be a builder member of the ASBA.

1.8 MANUFACTURER QUALIFICATION

- A. Material supplier shall certify that the materials provided are manufactured specifically for construction and surfacing of running tracks.
- B. System manufacturer shall be a US owned company that has been continuously engaged in the business of track surfacing materials for at least 10 years.
- C. Manufacturer shall be a member of the ASBA.
- D. System manufacturer shall have a designated representative available for site inspection.

PART 2 PRODUCT

2.1

- A. Manufacturer – California Products Corporation, Andover, MA
- B. Any materials used must be an emulsion/water based product. Any products which require solvents such as MEK, Butyl Cellusolve or Acetone for clean up or mixing are not acceptable.
- C. Materials must have a VOC less than 150g/lit. for binder products. Top coats shall have a VOC of less than 100g/lit. measured by EPA method 24.
- D. Materials may not have a flash point of less than 200°F.

2.2 MATERIALS

CP-4125-	Latex emulsion Primer. SBR emulsion
	1) Percent solids by weight (minimum) 50%
	2) Weight 8.35 lbs./gallon
Plexitrac Binder-	Shall comply with Specification 10.73 of California Products Corporation
	High Viscosity Polyresin Blend
	1) Percent solids by weight (minimum) 44.7%
	2) Weight 8.47 lbs./gallon
Plexicolor Pigment-	Water-borne dispersed pigment for enhanced color
Plexitrac Coating-	Shall comply with Specification 10.70 of California Products Corporation
	Highly Pigment Polyresin Top Coat
	1) Percent solids by weight (minimum) 47.4%
	2) Weight 8.45 lbs./gallon
Rubber Granules-	Specifically gradated 1-3MM SBR particles for job mixing with the Plexitrac Binder
Water-	The water to be used in the mixture must be fresh and potable

The installer will provide to the Owner/Architect a materials list prior to the installation of the volume of materials to be used on the project. The list shall include the following:

- a) Surface area to receive the surfacing system _____ square yards
- b) Pounds of SBR Buffings Rubber 8 lb. / Sq.Yd.
- c) Gallons of CP-4125 (Undiluted) .04 gal / Sq. Yd.
- d) Gallons of Black Plexitrac Binder (Undiluted) .6 gal. per Sq. Yd.
- e) Gallons of Black Plexitrac Coating (Undiluted) .08 gal. / Sq. Yd.
- f) Gallons of Black Plexitrac Pigment (Undiluted) .004 gal. / Sq. Yd.

The installer will furnish the Owner/Architect with a proof of delivery that the correct volume of product has been provided. The installer will also verify that the same manufacturer has supplied all binders and coatings.

PART 3 EXECUTION

3.1 WEATHER LIMITATIONS

- A. Ambient and surface temperatures must be 50°F and rising.
- B. Installation should not be conducted during rainfall or when rainfall is imminent.
- C. Do not apply when surface temperature is in excess of 140°F.

3.2 SURFACE PREPARATION

- A. The surface must be thoroughly cleaned of all loose dirt and debris.

3.3 RESILIENT SURFACE INSTALLATION

- A. After curing and preparation the asphalt shall be primed/tack coated with CP-4125 at the rate of .03 gal/sy. by means of a dual diaphragm pump and spray unit. Do not allow material to puddle on the asphalt surface.
- B. Apply no less than 4 layers of dry 3-6, 2-4, and 1-3 MM Black SBR to the tack coated surface by mechanical spreader or by hand. Avoid leaving dry rubber granules more than one layer thick.
- C. Apply Plexitrac Binder at the rate of .6 gallons per sq. yd. by means of an air diaphragm pump. Care should be taken to uniformly spray the granule so they are fully encapsulated.
- D. Apply Plexitrac Coating at the total rate of .08 gallon per square yard. Product shall be applied in two applications by an air diaphragm pump spray unit. One application shall be applied clockwise, the other counter clockwise.

3.4 MARKING AND MEASUREMENTS

- A. Wait 48 hours after surface completion before applying line marking. The installer shall:
 - a) Locate and establish all radius points.
 - b) Establish and set all necessary control points.

- c) Layout all lines and markings to tolerances set forth by ASBA and governing body requirements.
- d) Prepare all necessary drawings.
- e) Provide all computations and measurements in organized form.
- f) Establish all locations on the curves using a Transit or Theodolite capable of reading direct to 20 seconds.
- g) Identify all markings, where appropriate, by painting the identification directly onto the track surface in 4" letters just below or in front of each mark in the right hand portion of the lane.
- h) Paint all of the large, 3' high, lane numbers in two (2) colors, utilizing shadowed backgrounds.
- i) All lines shall receive sufficient paint to assure complete opacity and uniformity of color.
- j) Paints shall be used directly from original containers and shall be thinned only when hot temperatures dictate thinning for smooth applications.
- k) Amount of paint used shall be as recommended by the manufacturer.
- l) The paint used shall be a 100% acrylic latex line paint.
- m) All measurements shall be made by competent, experienced and fully qualified personnel.
- n) The markings shall include all events and marks required or recommended by the National Federation of State High Schools, the NCAA, or the I.A.A.F dependent on the end use of the facility.

3.5 PROTECTION

- A. During construction the owner is responsible for limiting access of non-construction personnel to the site.
- B. The owner shall coordinate any irrigation of fields with the installation contractor.

3.6 CLEAN UP

- A. Remove all containers, surplus and debris and dispose of in accordance with local, state and Federal regulation.
- B. Leave site in a clean and orderly condition.

City of West Lafayette Insurance Requirements

The Contractor shall furnish to the City an acceptable performance and payment bond in the amount of one hundred percent (100%) of the contract price including subsequent modifications of work and contract price. Said bond shall secure the Contractor's performance, and payment of labor, materials, subcontractors, supplies and any furnishing service. Bid bond shall be written by a surety authorized to do business in the State of Indiana and who maintains at least one (1) established place of business, in the State and in a location of which the continuance is not dependent upon decision of individual personnel of the Surety within the State.

The City of West Lafayette's risk management strategy requires the contractor provide us with evidence of insurance that meets the minimum requirements listed below for this project. This coverage must be placed with an insurance company with an A.M. Best rating of A:VII or better. Please provide a Waiver of Subrogation in favor of the City of West Lafayette, Indiana as it pertains to Commercial General Liability, Workers Compensation, and Automobile Liability.

Insurance Requirements:

(a) Commercial General Liability (Occurrence Form)

Each Occurrence	\$1,000,000
Products/Completed Operations Aggregate	\$2,000,000
General Aggregate (other than Prod/Comp Ops Liability)	\$2,000,000
Personal & Advertising Injury Liability	\$1,000,000

Coverage shall be subject to a per project or vendor general aggregate provision that names all jobs performed by subcontractor if applicable. The City of West Lafayette, Indiana must be named as an Additional Insured per ISO forms CG2010 and CG2037 or their equivalent. The insurance will be considered primary and noncontributory before any other applicable coverage. Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(b) Automobile Liability \$1,000,000 each accident
If subcontractor at any time transports hazardous materials, subcontractor shall carry appropriate auto pollution coverage. Hired and Non-Owned auto liability coverage is to be included. The insurance will be considered primary and noncontributory before any other applicable coverage. Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(c) Workers Compensation and Employer's Liability

Worker's Compensation	State Statutory Limits
Employer's Liability	
Bodily Injury by Accident	\$1,000,000 ea. accident

Bodily Injury by Disease	\$1,000,000 policy limit
Bodily Injury by Disease	\$1,000,000 ea. employee
Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.	

(d) Umbrella Liability

Each Occurrence and Aggregate	\$1,000,000
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(e) Professional Liability (Applicable for Professional Services only rendered to the City) All subcontractors performing design, engineering, surveying, testing, or other professional services shall carry professional liability (errors and omissions) insurance. This policy shall provide at least \$1,000,000 for each occurrence and \$2,000,000 aggregate.

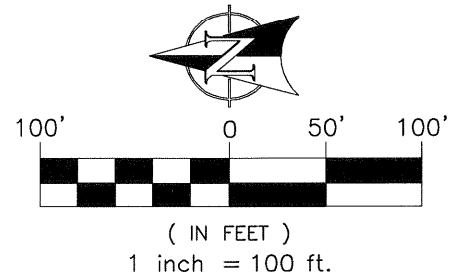
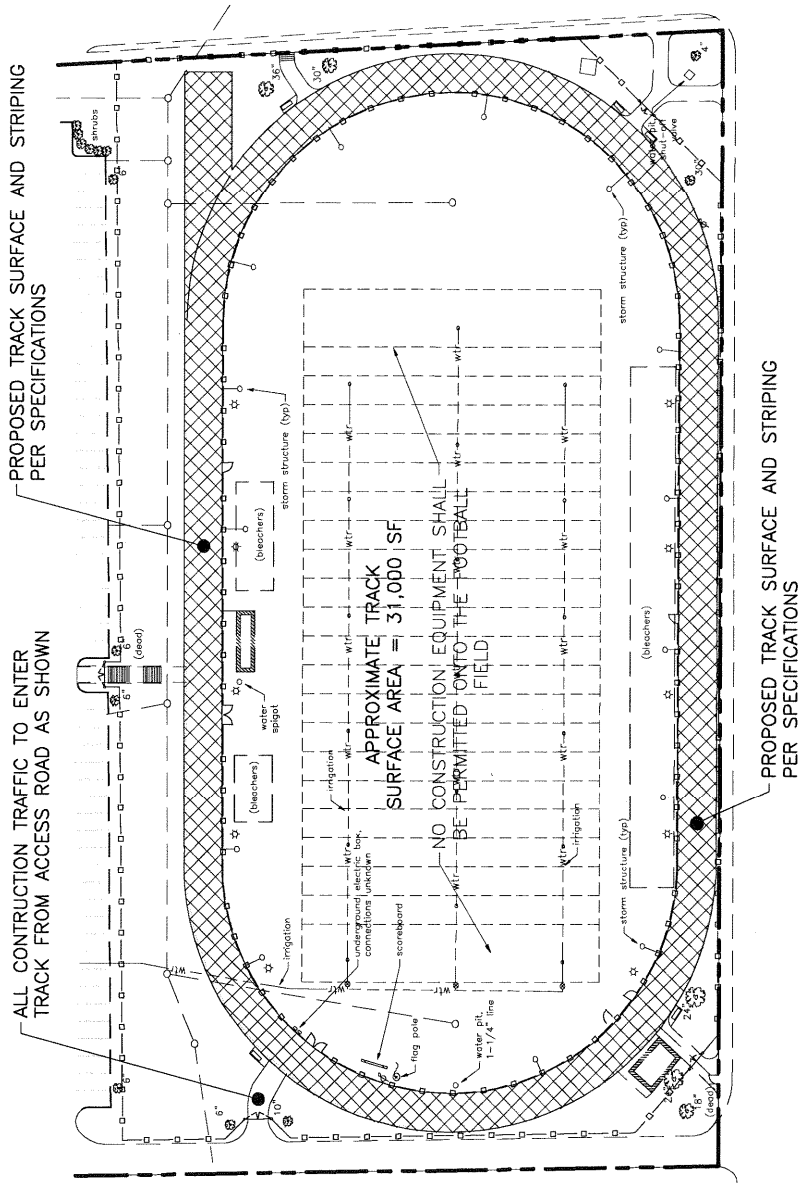
The Contractor shall secure, and maintain throughout the life of this contract, such insurance as will protect himself, the City and the Engineer from claims for bodily injury, death or property damage, arising from the Contractor's operations under the contract documents. Policies shall include the standard rider for coverage under Paragraph 8.03 of Article 8 of these General Conditions. Each policy shall contain a clause providing that such policy shall not be canceled by the insurer until after 30 days written notice, to the City, of intent to cancel. The Contractor shall not commence construction, or any operation pertaining thereto, until he has obtained all insurance required by this paragraph and shall have filed with the City either the insurer's certificate of such insurance or certified copies of the policies.

Indemnity: The Contractor shall indemnify and save harmless the City and agents and employees of the City, and the Engineer and agents and employees of the Engineer, from and against as allowed by law every loss and expense incurred by the City and agents and employees of the City and the Engineer and agents and employees of the Engineer, these and any of them, on account of claim, demand, payment, suit, action, judgment or recovery occurring by reason of, or out of, the work. Said indemnity shall be in the full amount of recovery had against the City and agents or employees of the City and the Engineer and agents and employees of the Engineer, these and any of them, plus such expense as may be incurred in determining and defending against such action, and plus legal fees of Defense Counsel.

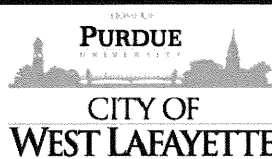
Patents and Royalties: If the Contractor uses any design, device, material, method or process covered by patent or copyright he shall provide for such use by legal agreement with the holder of the patent or copyright and shall pay all fees and charges pertaining thereto.

NOTES:

1. NO CONSTRUCTION EQUIPMENT SHALL BE PERMITTED ONTO THE FOOTBALL FIELD OR SIDELINES AT ANY TIME
2. ALL CONSTRUCTION TRAFFIC TO ENTER SITE ALONG WEST ACCESS ROAD AND USE EXISTING CONCRETE DRIVE ONTO TRACK
3. CONTRACTOR TO PROTECT EXISTING FENCING, ASPHALT CONNECTOR PATHS AND CONCRETE BENCH PADS DURING CONSTRUCTION



FITNESS TRAIL IMPROVEMENTS PART TWO



CITY OF
WEST LAFAYETTE

OFFICE OF THE CITY ENGINEER

Title	FITNESS TRAIL IMPROVEMENTS - PART II
Drawn by	MAT
Checked	JP
Date	12/01/09